IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:	Carl Hellerqvist)
U. S.	Serial No:	Filed Concurrently)
Filed:		February 2, 2001)
For:		OR PREVENTING OR FIG PATHOANGIOGENIC)

TRANSMITTAL OF NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES AS REQUIRED BY 37 C.F.R. § 1.821 (e)

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Transmitted herewith is an original Sequence Listing which comprises nucleotide and amino acid sequences contained in the application as filed. Applicants include a paper copy of the Sequence Listing as well as a diskette which contains the computer readable form of the Sequence Listing. Pursuant to 37 C.F.R. § 1.821(e), the paper copy and the computer readable form, are the same.

Respectfully submitted,

Suzanne Seavello Shope

By: Suzanne Seavello Shope Registration No. 37,933

Kilpatrick Stockton LLP 2400 Monarch Tower 3424 Peachtree Road, N.E. Atlanta, Georgia 30326 (404) 949-3999 Attorney Docket No. 22100-0100 (46126-252687)

I hereby certify that this correspondence is being shipped via Express Mail United States Postal Service Waybill No. <u>EL561454091US</u> and is deposited with the United States Postal Service addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this <u>2</u> day of <u>For</u> , 2001.

Swanne Seavello Shope Suzanne Seavello Shope-Reg. 37,933

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Leu Ser Gly Gln Ala Ala Asp Asn Leu Arg Ala Lys Trp Asn Phe Ser 385 390 395 400

Thr Leu Cys Val Arg Arg Ile Phe Ser Leu Ile Gly Met Ile Gly Pro \$405\$

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Tyr Glu Cys Ala Glu His Ser Ala Pro Ile Lys Val Leu His As
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Ala Thr Ala Ile Phe Thr Leu Phe Thr Pro Leu Ala Ala Asp Phe Gly 145 150 155 160

Val Gly Ala Leu Val Ala Leu Arg Ala Leu Glu Gly Leu Gly Glu Gly 165 \$170\$

Val Thr Tyr Pro Ala Met His Ala Met Trp Ser Ser Trp Ala Pro Pro 180 185 190

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Gly Thr Val Val Ser Leu Pro Leu Ser Gly Val Ile Cys Tyr Tyr Met 210 215 220

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22

Thr Ile Thr Pro Tyr Glu Lys Glu Tyr Ile Leu Ser Ser Leu Lys Asn 260 265 270

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Ala Thr Ile Pro Gly Met Ile Gly Pro Ile Ile Ala Arg Ser Leu Thr $435 \hspace{1.5cm} 440 \hspace{1.5cm} 445$

Pro Glu Asn Thr Ile Gly Glu Trp Gln Thr Val Phe Cys Ile Ala Ala 450 460

Ala Ile Asn Val Phe Gly Ala Ile Phe Phe Thr Leu Phe Ala Lys Gly 465 470 475 480

Glu Val Gln Asn Trp Ala Ile Ser Asp His Gln Gly His Arg Asn 485 490 495